

North Coast Laboratories, Ltd.

Date: 24-Apr-2012

CLIENT: City of Arcata
Project: Fieldbrook-Glendale 2012
Lab Order: 1204270

CASE NARRATIVE

Samples for pH, residual chlorine and dissolved oxygen analysis must be analyzed within 15 minutes of collection. Therefore, any samples requiring these analyses were analyzed past the official holding time.

The sample was received on ice with a temperature above the EPA recommended temperature of less than or equal to 6° C.

Date: 24-Apr-2012
WorkOrder: 1204270

ANALYTICAL REPORT

Client Sample ID: F-GCSD
Lab ID: 1204270-01A

Received: 4/17/2012
Collected: 4/17/2012 13:28

Test Name: pH

Reference: Std. Meth. 20th Ed. 4500-H B

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
pH	6.8		N/A	pH Units	1.0		4/17/2012

Client Sample ID: F-GCSD
Lab ID: 1204270-01B

Received: 4/17/2012
Collected: 4/17/2012 13:28

Test Name: Hexane Extractable Grease and Oil

Reference: EPA 1664A

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Grease and Oil	24		5.0	mg/L	1.0	4/18/2012	4/20/2012

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QC SUMMARY REPORT

Method Blank

Sample ID: MBLK	Batch ID: R70233	Test Code: 1664GOW	Units: mg/L	Analysis Date: 4/20/2012	Prep Date: 4/18/2012						
Client ID:	Run ID: WC_120420B	SeqNo: 1021024									
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Grease and Oil	ND	5.0									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: LCS	Batch ID: R70233	Test Code: 1664GOW	Units: mg/L	Analysis Date 4/20/2012				Prep Date: 4/18/2012			
Client ID:		Run ID: WC_120420B		SeqNo: 1021025							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Grease and Oil	38.00	5.0	40.0	0	95.0%	78	114	0			

Sample ID: LCSD	Batch ID: R70233	Test Code: 1664GOW	Units: mg/L	Analysis Date 4/20/2012				Prep Date: 4/18/2012			
Client ID:		Run ID: WC_120420B		SeqNo: 1021026							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Grease and Oil	38.20	5.0	40.0	0	95.5%	78	114	38.0	0.525%	18	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank



Chain of Custody

LABORATORY NUMBER: 1209270

PROJECT INFORMATION

[illegible][illegible]

REPORTING REQUIREMENTS:

CONTAINER CODES: 1— $\frac{1}{2}$ gal. pl; 2—250 ml pl;
3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG;
6—500 ml BG; 7—1 L BG; 8—40 ml VOA;
9—60 ml VOA; 10—125 ml VOA; 11—4 oz glass jar;
12—8 oz glass jar; 13—brass tube; 14—other
PRESERVATIVE CODES: a—HNO₃; b—HCl; c—H₂SO₄;
d—Na₂S₂O₃; e—NaOH; f—C₂H₃O₂Cl; g—other

SPECIAL INSTRUCTIONS	SAMPLE CONDITION
	Temperature 10.6 °C
	Received On Ice? Y/N
	Samples Intact? Y/N
	Preserved? Y/N
	Preserved @ NCL?
	Y / N / NA

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
<i>Rachel Lee</i>	4/17/12 4:05	<i>A. Parker</i>	4/17/12 4:07

SAMPLE DISPOSAL

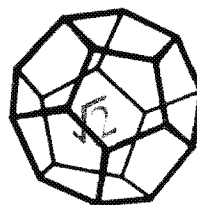
☒ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Fed-Ex Hand

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; WW = Waste Water; S = Soil; O = Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

ED 006495 00002154-00005



**NORTH COAST
LABORATORIES LTD.**

April 24, 2012

City of Arcata
736 F Street
Arcata, CA 955216211

Attn: Rachel Hernandez

RE: Fieldbrook-Glendale 2012

Order No.: 1204270

Invoice No.: 102673

PO No.: 8910

ELAP No.1247-Expires July 2012

SAMPLE IDENTIFICATION

Fraction Client Sample Description

01A F-GCSD

01B F-GCSD

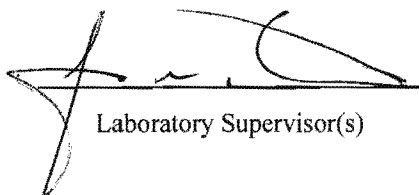
ND = Not Detected at the Reporting Limit

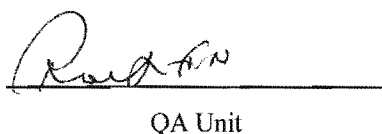
Limit = Reporting Limit

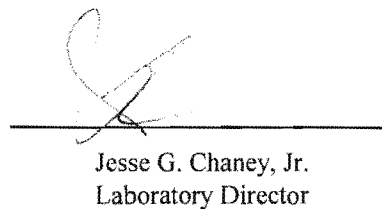
Flag = Explanation in Case Narrative

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY


Laboratory Supervisor(s)


QA Unit


Jesse G. Chaney, Jr.
Laboratory Director